



Kentucky Hospital Association

Call To Action: The Kentucky Hospital Engagement Network and Reducing Early Elective Delivery

Donna Meador, RN, MSN, CENP
K-HEN Project Director



Objectives

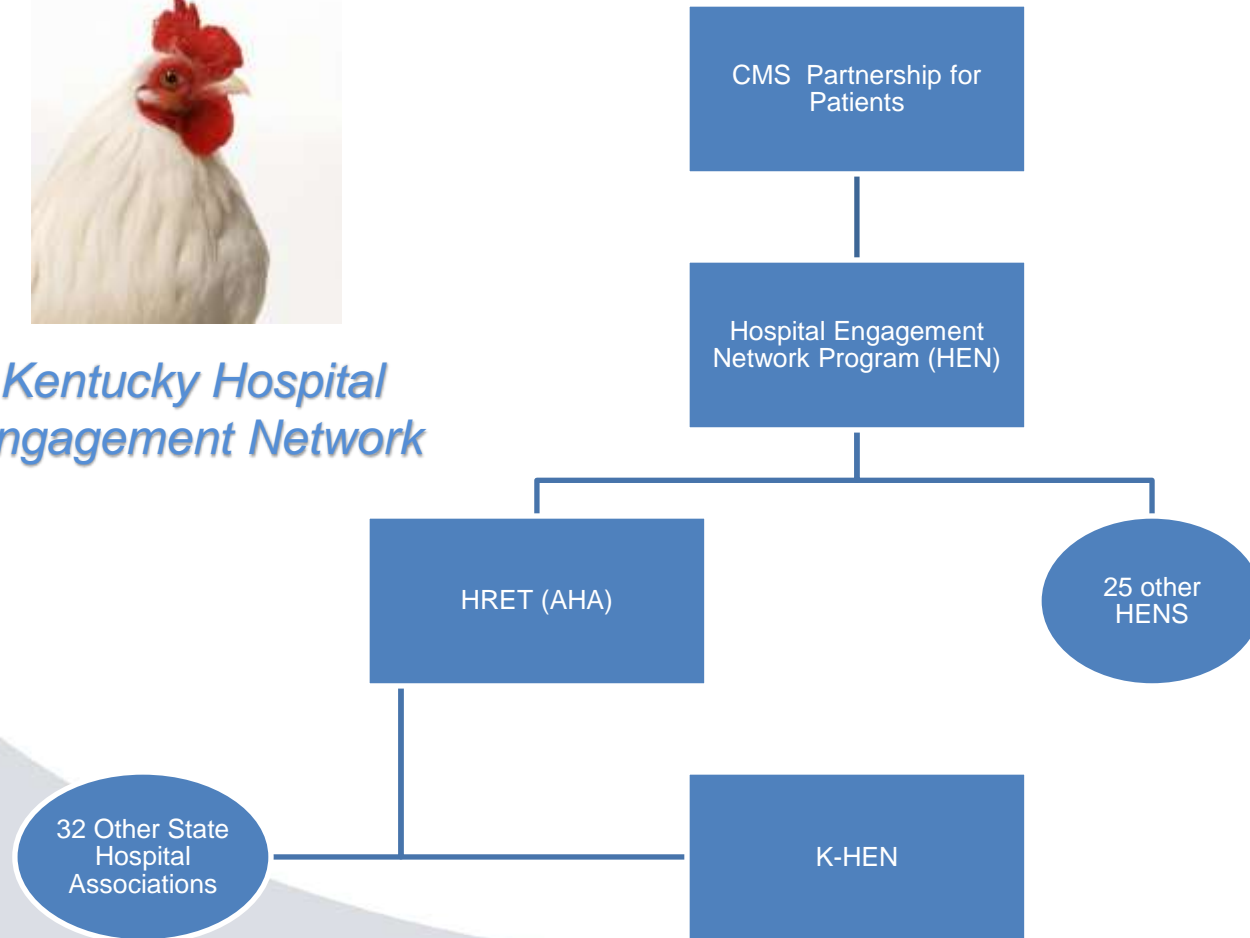
1. Discuss how the Kentucky Hospital Engagement Network works with hospital teams to develop effective strategies for improving Kentucky's outcomes for this important measure (EED and other areas of OB Harm)
2. Be familiar with data benchmarking activities on both national and state goals for reduction of Early Elective Deliveries



What is a HEN?



*Kentucky Hospital
Engagement Network*



Kentucky
Hospital
Engagement
Network



Partnership for Patients Goals

1. 40/20: Reduce **harm** in America's hospitals by 40% and preventable readmissions by 20% by end of 2013.
2. 2 → 5 → All: Every hospital to participate in at least 2 areas and build to 5 then all areas.



HEN Collaboratives





K-HEN OB/EED Collaborative



- What is "Early Elective Delivery"?

The delivery of infants who are born between 37 0/7 and 38 6/7 weeks gest. with no medical indication for early delivery.

- Why does this happen?

A variety of reasons - TOBP syndrome, convenience for mom and/or physician, etc., and general lack of a formal process to prevent this from happening.



An old but important problem....

Early Elective Delivery Still a Costly Health Risk

Cheryl Clark, for HealthLeaders Media, February 22, 2013



The Leap Frog Group News Release: Early Elective Deliveries Decline

Reducing Early Elective Births Could Save \$1B Annually

Cheryl Clark, for HealthLeaders Media, January 26, 2012

- See more at: <http://www.healthleadersmedia.com/page-1/PHY-275826>

Kentucky
Hospital
Engagement
Network





K-HEN OB Advisory Committee

Kentucky Dept. for Public Health

Kentucky Dept. for Medicaid Services

Kentucky ACOG

Kentucky Perinatal Association

March of Dimes®

Kentucky Spirit

WellCare

Passport HealthCare

Kentucky Hospital Association



K-HEN EED Collaborative

- 18 hospitals committed to this project:
 - Baptist Hospital Lexington
 - Baptist Hospital Louisville
 - Baptist Health Madisonville
 - Baptist Health Richmond
 - Flaget Memorial Hospital
 - Frankfort Regional Med. Ctr.
 - Hardin Memorial Hospital
 - Harlan ARH Hospital
 - Harrison Memorial Hospital
 - Jennie Stuart Med. Center
 - Middlesboro ARH Hospital
 - Norton Hospital
 - Norton Suburban Hospital
 - St. Claire Reg. Med. Ctr.
 - St. Elizabeth Edgewood
 - The Med. Ctr. at Bowling Green
 - Whitesburg ARH Hospital
 - Williamson ARH Hospital

And several other KY hospitals in LifePoint, VHA, UHC, and Premier HENs



HRET HEN Progress so far...

- *“First Focus”* of National HEN Project
 - Deliveries between 37 & 38 weeks increased dramatically between 1990 and 2006, and account for 17.5% of live births in US
 - AHA/HRET HEN includes 925 hospitals which deliver babies, across 31 states; all 31 states committed to reducing EED
 - AHA/HRET HEN hospitals recorded 951,913 total births in 2010. Based on March of Dimes® projections, reaching goal of <3% could eliminate 15,000 EED's, and >1800 NICU admissions, with savings of > **\$75 million**.



- ***HEN Commitments mid-project:***

- At least 70% of AHA HEN birthing hospitals will implement hard-stop policies or have EED rate <3% by April 1st of 2013

35 Kentucky birthing hospitals in K-HEN

- 18 committed to EED collaborative
- Of those 18, 5 have a hard stop policy
- Of the 35 K-HEN birthing hospitals, 10 have a rate <3%
- In comparison, 63% of AHA/HEN birthing hospitals have either a hard stop policy in place, or a rate <3% as of 2/21/13.

- At least 80% of AHA HEN birthing hospitals will either have a hard stop policy or an EED rate <3% by 5/31/13.



Kentucky Statistics

OB Harm	U.S. Rate	Kentucky Rate
C-Section Rate/100 Cases	28.99	33.55
C-Section as First Birth/100 cases	17.79	20.56

*Data Sources: Hospital Compare 10/1/2008-6/30/2010
AHRQ Inpatient Quality & Patient Safety Indicators



More Statistics...

*Average State Rates of EED as of 1/31/13

- Arizona 9.5%
- California 8.8%
- Colorado 7.4%
- Florida 18.2%
- Georgia 14.8%
- Illinois 7.2%
- Massachusetts 5.9%
- Maine 6.9%
- Michigan 7.9%
- North Carolina 7.8%
- New Jersey 12.1%
- Nevada 10.7%
- New York 5.9%
- Ohio 7.9%
- Pennsylvania 26.2%
- South Carolina 10.4%
- Tennessee 18.2%
- Texas 18.3%
- Virginia 13.1%
- Washington 7.2%

Only 7 KY hospitals submit data to Leapfrog – currently KY rate in K-HEN EED collaborative is 12.5%

*Source: <http://www.leapfroggroup.org/patients/tooearlydeliveries>



Analysis of the Problem and Barriers

- **Baseline data was analyzed at the hospital and state levels**
- **Quality improvement techniques used to review underlying issues:**
 1. Scheduling
 2. Physician Engagement
 3. Patient Education
 4. Variation in definition of Gestational Age
 5. Lack of documentation re: medical necessity
 6. Lack of standardized documentation



Kentucky's Call to Action

- K-HEN Kick-Off July 2012, >200 hospital leaders in attendance, toolkits provided
 - EED education provided by Dr. Connie White and Dr. Scott Duncan, hospital panelists from Frankfort Regional, Central Baptist, and Norton Suburban
- Monthly Coaching Calls/Webinars led by Dr. Duncan
- Regular meetings of K-HEN OB Advisory Committee
- Collaboration with multiple stakeholders to launch statewide campaign “Kentucky Safe Baby Initiative”



Statewide Collaboration





Kentucky's Call to Action, cont.

- Medicaid MCO's, providing March of Dimes® EED pt. education to all Medicaid maternity patients
- Local meeting held in W. Ky 1/13
- OB/Neonatal QI Summit 2/19
- Ongoing efforts to add hospitals to K-HEN EED Collaborative
- Patient Safety Team STEPPS events, including developing core group of Patient Safety Leaders
- Providing resources, technical assistance as needed



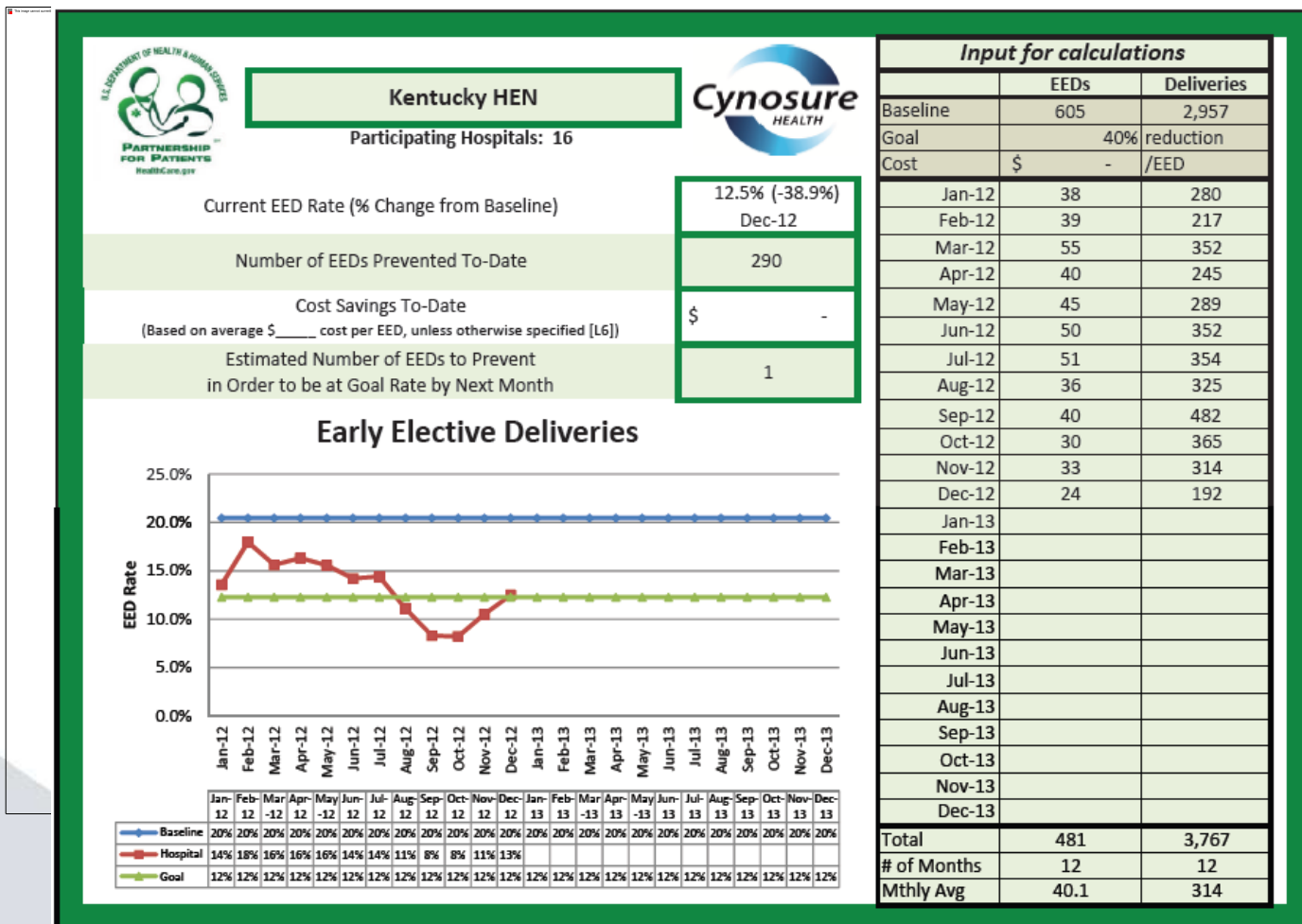
Data Benchmarking

- Recommended outcome measure: “Elective <39 week births admitted to NICU”
- Recommended process measure: “Elective Delivery Rate at $> \text{ or } = 37$ weeks and $< \text{ or } = 39$ weeks gestation”

*However, many hospitals monitoring additional OB measures - C-section rate, antenatal steroid use, etc.

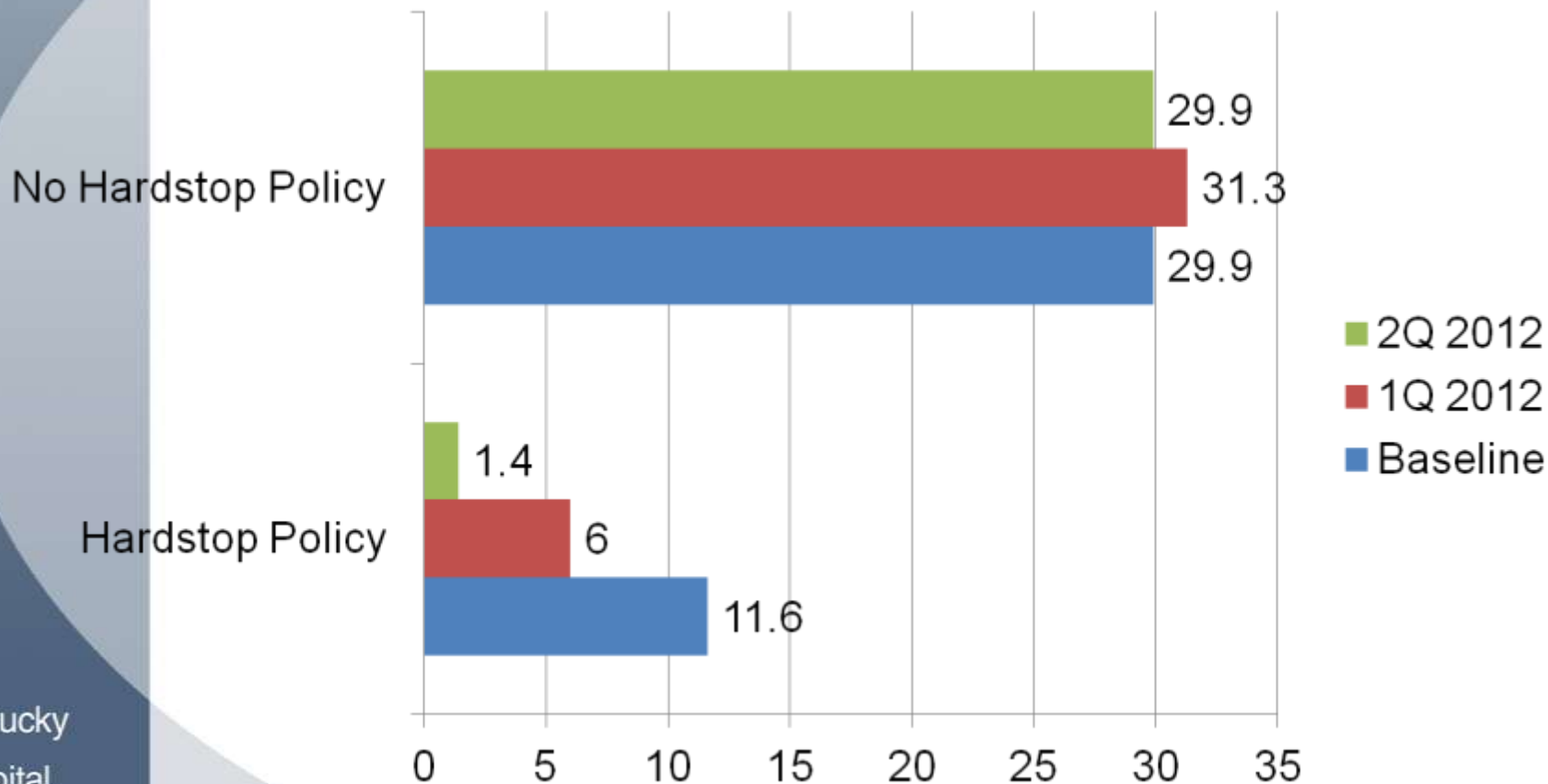


KY Composite OB Harm Rates





Hard Stop Policy Comparison 11/12





Kentucky Hard Stop Policy Update

EEC/COIN Survey

- 32 of 47 KY Birthing hospitals respond to EED/COIN survey
- **Q:** Does your hospital have a formal written policy specifically focused on non-medically indicated deliveries before 39 weeks gest.?

A: 59% Yes, 41% No

- **Q:** Does your hospital have a “hard-stop” policy meaning delivery providers are required to get permission to schedule an induction or Cesaerean when the indications do not match the scheduling guidelines?
- **A: 28% Yes, 28% No, 12% NA, 24% No response**



What's the big deal about a hard stop policy??

- John Nash, MD, chairman of the Geisinger Health System's OBGYN department and medical director of women's health: his system has reduced dangerous deliveries in this fragile period down to zero through rigorous electronic medical record systems to track their physicians practices "and identify when protocols are not being followed.

"There has got to be at some point in the organization, what is termed a 'hard stop.' In other words, if a physician or patient is requesting a delivery before 39 weeks, which is associated with a two-fold increase in morbidity risk to the neonate... we have a tracking system."



Next Steps...

- **Enroll more – (no) ALL Kentucky HEN hospitals in EED/OB Harm Collaborative**
- **Promote use of hard stop policies**
- **Provide technical assistance to hospitals seeking to create and implement hard stop policies**
- **Continue roll-out of Kentucky Safe Baby Prematurity Awareness Promotion Plan developed by Ky. Dept. of Public Health**
- ***Reduce Preventable Harm in the Commonwealth by 40% by 2013!***

Thank you! Questions?

Coming together is a beginning
Keeping together is progress
Working together is success

Henry Ford

